Approved for use through 04/30/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	estitute for form 1449/PTO			Complete if Known		
				Application Number	09/970,389-Conf. #9683	
l IN	IFORMATION	I DI	SCLOSURE	Filing Date	October 2, 2001	
l s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Donald J. Merkley	
				Art Unit	1791	
	(Use as many she	eets as	s necessary)	Examiner Name	M. Halpern	
Sheet	Sheet 1 of 2		Attorney Docket Number	129843-1022		

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	A1*	US-4,351,867	09-28-1982	Mulvey et al.					
	A2*	US-6,488,762	12-03-2002	Shi					
	A3*	US-7,300,546	11-27-2007	Jewell et al.					
	+								
	-								
	1								
	1								

	FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear				
Examiner Initials*	Cite No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)		Applicant of Cited Document		T ⁶			
	B1	CA-2405354	11-01-2001	Weyerhaeuser Co					
	B2	WO-9845222	10-15-1998	Hardie James Res Pty Ltd et al.					

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08b (03-09)
Approved for use through 04/30/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	estitute for form 1449/PTO			Complete if Known		
				Application Number	09/970,389-Conf. #9683	
l IN	NFORMATION	1 DI	SCLOSURE	Filing Date	October 2, 2001	
l s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Donald J. Merkley	
				Art Unit	1791	
	(Use as many sh	eets as	necessary)	Examiner Name	M. Halpern	
Sheet	Sheet 2 of 2		Attorney Docket Number	129843-1022		

Examiner Initials [*]	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Expert Declaration from Dr. Dahl with CV dated 1/28/2009	
	C2	Expert Declaration from Dr. Roffael with CV dated 1/28/09	
	СЗ	MACDOUGALL, F.H., "Reactions in Heterogeneous Systems" in Thermodynamics and Chemistry, New York, NY (1921), pg. 64	
	•		

Examiner	/Mark	Halpern/	Da	ate	5/25/09
Signature	*		I Co	Considered	., ., .,

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.